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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Application Number 10/017,103

Filing Date December 14, 200 PECEIVE

First Named Inventor Molnar, Karl James

Group Art Unit

Examiner Name FFB 2 0 2002

(use as many sheets as necessary) Sheet P14953-US1 Attorney Docket Number Technology Center 2600 U.S. PATENT DOCUMENTS **U.S. Patent Documents** Pages, columns, lines, Examiner Cite Name of Patentee or Applicant Date of Publication Where Relevant Initials' No.1 Kind Code2 of Cited Documents of Cited Document Number Passages or Relevant (if known) MM-DD-YYYY Figures Appear AA 5.887.035 MOLNAR 03-23-99 FOREIGN PATENT DOCUMENTS Foreign Patent Documents Pages, Columns, Lines, Examiner Cite Name of Patentee or Date of Publication Where Relevant Office³ Number4 Kind Code⁵ Initials' No.1 Applicant of Cited Documents of Cited Document т6 Passages or Relevant (if known) MM-DD-YYYY Figures Appear AB WO 0000/13383 ERICSSON, INC 03-09-00 Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the Examiner Cite Initials* No.1 item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s). т2 publisher, city and/or country where published. H. Arslan et al., "Cochannel Interference Suppression with Successive Cancellation in Narrow- AC Band Systems", IEEE Communications Letters, 5(2):37-39, Feb. 2001 S. Alamouti, "A Simple Transmit Diversity Technique for Wireless Communications", IEEE Journal ADon Sel. Areas of Comm.. 16(8):1451-1458, Oct. 1998 E. Lindskog et al., "A Transmit Diversity Scheme for Delay Spread Channels", submitted to AΕ ICC'2000, pp 1-5 E. Lindskog et al., "Time-Reversal Space-Time Block Coding and Transmit Delay Diversity-Separate and Combined". Submitted to 34th Annual Conference on Signals, Systems and Computers"., Oct. 29 - Nov. 1 2000 S. Wales, "Technique for Cochannel Interference Suppression in TDMA Mobile Radio Systems, AG IEEE Proc. Comm. 142(2), Apr. 1995 P. Ranta et al., "Co-Channel Interference Canceling Receiver for TDMA Mobile Systems". IEEE ICC. pp 17-21, Feb. 1995 U. Wachsmann et al., "Exploiting the Data-Rate Potential of MIMO Channels: Multi-Stratum Space-Time Coding", IEEE Veh. Tech. Conf., May 2001 A.J. S. Talwar et al., "Blind Separation of Synchronous Co-Channel Digital Signals Using an Antenna Array-Part I: Algorithms", IEEE Trans. Signal Processing, 44(5): 1184-1197, May 1996 AK S. Talwar et al., "Blind Separation of Synchronous Co-Channel Digital Signals Using an Antenna Array-Part II: Performance Analysis", IEEE Trans. Signal Processing, 45(3): 706-718, March 1997 A. Naguib, et al., "Increasing Data Rate Over Wireless Channels". IEEE Signal Processing Magazine, 17(3):76-92, May 2000 A. Dabak et al., "Equalization and Multi-user Detection for Space Time Block Coding Based Transmit Diversity AM (STTD) in Frequency Selective Channels", In Proc. 52'nd IEEE Veh. Tech. Conf., Sept. 24-28, 2000 AN: M. Varanasi et al.. "Multistage Detection in Asynchronous Code-Division Multiple-Access Communications", IEEE Trans. Comm, 38:508-519, Apr. 1990 R. Mowbray et al., "Increased CDMA System Capacity Through Adaptive Cochannel Interference Regeneration and Cancellation", Proc. Inst. Elec. Eng., pt I. 139 515-524, Oct. 1992

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		OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS (CONT.)	Technology Center 2600
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13	AR	A. Hafeez et al., "Co-channel Interference Cancellation for D-AMPS Handsets Veh. Tech. Conf., May 1999	", In Proc. 49 th IEEE
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Examine Signature		Date Considered	9/3/04

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Substitute fo	or form 1449AFTO			Complete if Known		
				Application Number	10/017,103	
J	NFORMATION D	ISCLOSUF	RE	Filing Date	December 14, 2001	
;	STATEMENT BY	APPLICAN	IT	First Named Inventor	Molnar, Karl James	
				Group Art Unit	2661	
	(use as many sheets	as necessary)		Examiner Name	Douglas W. Olms	
Sheet	1	of	2	Attorney Docket Number	P14953-309	·

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AA	2002/0136188	Kim	09/26/02					
	2002/0110108	Kim et al.						
AC	5,887,035	Molnar	03/23/99					
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	AA AB	Cite No.1 Number Kind Code ² (if known) AA 2002/0136188 AB 2002/0110108	Cite No.1 Number Kind Code2 Applicant of Cited Documents AA 2002/0136188 Kim AB 2002/0110108 Kim et al.	U.S. Patent Documents Name of Patentee or Date of Publication of Cited Document MM-DD-YYYY				

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	INFORMATION D	ISCLOSUF	₹E	Filing Date	December 14, 2001		
	STATEMENT BY	APPLICAN	IT.	First Named Inventor	Molnar, Karl James		
				Group Art Unit			
	(use as many sheets	as necessary)		Examiner Name			
Sheet	2	of	2	Attorney Docket Number	P14953-309		

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Т2
B	AG	Steiner et al., "Optimum and Suboptimum Channel Estimation for the Uplink of CDMA Mobile Radio Systems With Joint Detection", <i>European Transactions on Telecommunications, AEI, Milano, IT,</i> Vol. 5, no. 1, (1994) pp 39-50	4
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